

APPARATUS AND METHOD FOR  
ASSESSING MARKET CONDITIONS

Abstract of the Disclosure

[0059] An apparatus and method for assessing market  
5 conditions, or for analyzing of other parameters that  
appear to fluctuate randomly, compare the changing  
conditions to the changes that would be predicted by  
Brownian Motion. If the changes exceed those predicted  
by Brownian Motion, a trend is considered to exist and  
10 can be expected to continue, while if the changes are  
less than those predicted by Brownian Motion, then a  
congestion condition exists. If enough measurements  
are taken, it may be possible to predict how long the  
trend or congestion will last. Preferably, the  
15 computation necessary to analyze the data on the  
condition being monitored is distributed among  
computers of subscribers to the monitoring service.

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